

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/526,475C
Source: IFW16
Date Processed by STIC: 01/30/2007

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/30/2007

PATENT APPLICATION: US/10/526,475C

TIME: 16:21:44

Input Set : A:\5203USNP.APP

Output Set: N:\CRF4\01302007\J526475C.raw

3 <110> APPLICANT: ARNDT, GREGORY MARTIN
 4 CAIRNS, MURRAY
 5 TRAN, NHAM
 6 LAI, ANGELA
 8 <120> TITLE OF INVENTION: METHODS USING DSDNA TO MEDIATE RNA INTERFERENCES (RNAI)
 10 <130> FILE REFERENCE: J&J5203USNP
 12 <140> CURRENT APPLICATION NUMBER: 10/526,475C
 13 <141> CURRENT FILING DATE: 2005-03-03
 15 <150> PRIOR APPLICATION NUMBER: PCT/AU03/001142
 16 <151> PRIOR FILING DATE: 2003-09-04
 18 <150> PRIOR APPLICATION NUMBER: AU 2003901481
 19 <151> PRIOR FILING DATE: 2003-03-26
 21 <150> PRIOR APPLICATION NUMBER: AU 2002951224
 22 <151> PRIOR FILING DATE: 2002-09-04
 24 <160> NUMBER OF SEQ ID NOS: 41
 26 <170> SOFTWARE: PatentIn Ver. 3.3
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 58
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
 35 Synthetic oligonucleotide
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 39 oligonucleotide
 41 <400> SEQUENCE: 1
 42 tgtggtgatt cgctgcacuga ctccagtgggt aatctacgtc gagtctcttg aactogac 58
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 17
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 52 oligonucleotide
 54 <400> SEQUENCE: 2
 55 tgtggtgatt cgctgcacac 17
 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 19
 60 <212> TYPE: DNA
 61 <213> ORGANISM: Homo sapiens
 63 <400> SEQUENCE: 3
 64 gactccagtg gtaatctac 19

CP2-6)

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68 <211> LENGTH: 21
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
74     oligonucleotide
76 <400> SEQUENCE: 4
77 gtcgagtctc ttgaactcga c                               21
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 58
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
87     Synthetic oligonucleotide
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
91     oligonucleotide
93 <220> FEATURE:
94 <221> NAME/KEY: modified_base
95 <222> LOCATION: (19)..(37)
96 <223> OTHER INFORMATION: a, c, g, t, unknown or other
98 <400> SEQUENCE: 5
W--> 99 tgtggtgatt cgtcgacunn nnnnnnnnnn nnnnnnngtc gagtctcttg aactcgac   58
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 52
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
109     oligonucleotide
111 <400> SEQUENCE: 6
112 tcgaccggca agctgacct gaagttcgct tcagggtcag cttgccgttt tt           52
115 <210> SEQ ID NO: 7
116 <211> LENGTH: 51
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
122     oligonucleotide
124 <400> SEQUENCE: 7
125 ctagaaaaac ggcaagctga ccctgaagcg aacttcaggg tcagcttgcc g           51
128 <210> SEQ ID NO: 8
129 <211> LENGTH: 31
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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135     oligonucleotide
137 <400> SEQUENCE: 8
138 gcgcctcgag ataggaatt cgagctcggt a           31
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143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
148     oligonucleotide
150 <400> SEQUENCE: 9
151 gcgcggatcc ttgtaaaca cggccagtgc           30
154 <210> SEQ ID NO: 10
155 <211> LENGTH: 45
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
161     oligonucleotide
163 <400> SEQUENCE: 10
164 tcgactcaag ttataccctt gccgatagac tgcttacatt taaat           45
167 <210> SEQ ID NO: 11
168 <211> LENGTH: 45
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
174     oligonucleotide
176 <400> SEQUENCE: 11
177 ctagatttaa atgtaagcag tctatcggca agggataaac ttgag           45
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181 <211> LENGTH: 63
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185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
187     oligonucleotide
189 <400> SEQUENCE: 12
190 cggtgattcc gtcgacaaa aagactccag tggtaatcta ctttttctag aggtaacagg 60
191 cgc                                           63
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195 <211> LENGTH: 17
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
201     oligonucleotide
203 <400> SEQUENCE: 13
204 gcgcctgtta cctctag           17

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Input Set : A:\5203USNP.APP

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213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
214     oligonucleotide
216 <400> SEQUENCE: 14
217 gcctgcagga tatttgcatg tcgctatggt ctgg                      34
220 <210> SEQ ID NO: 15
221 <211> LENGTH: 34
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
227     oligonucleotide
229 <400> SEQUENCE: 15
230 gctctagaga gtggtctcat acagaactta taag                      34
233 <210> SEQ ID NO: 16
234 <211> LENGTH: 34
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240     oligonucleotide
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243 tcgacaaaaa cggcaagctg accctgaagt tttt                      34
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247 <211> LENGTH: 35
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
253     oligonucleotide
255 <400> SEQUENCE: 17
256 ctcagaaaaa cttcagggtc agcttgccgt ttttg                      35
259 <210> SEQ ID NO: 18
260 <211> LENGTH: 63
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
266     oligonucleotide
268 <220> FEATURE:
269 <221> NAME/KEY: modified_base
270 <222> LOCATION: (23)..(41)
271 <223> OTHER INFORMATION: a, c, g, t, unknown or other
273 <400> SEQUENCE: 18
W--> 274 cggtgattcc ctcgagcaaa aannnnnnnnn nnnnnnnnnn ntttttctag aggtaacagg 60

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Input Set : A:\5203USNP.APP

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275 cgc 63
278 <210> SEQ ID NO: 19
279 <211> LENGTH: 31
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
285     oligonucleotide
287 <400> SEQUENCE: 19
288 gcgcaagctt ataggaatt cgagctcggt a 31
291 <210> SEQ ID NO: 20
292 <211> LENGTH: 31
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
298     oligonucleotide
300 <400> SEQUENCE: 20
301 gcgctctaga ggtgtttcgt cctttccaca a 31
304 <210> SEQ ID NO: 21
305 <211> LENGTH: 34
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
311     oligonucleotide
313 <400> SEQUENCE: 21
314 ctagaaaaac ttcagggtca gcttgccggt tttg 34
317 <210> SEQ ID NO: 22
318 <211> LENGTH: 34
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
324     oligonucleotide
326 <400> SEQUENCE: 22
327 tcgacaaaaa gactccagtg gtaatctact tttt 34
330 <210> SEQ ID NO: 23
331 <211> LENGTH: 34
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
337     oligonucleotide
339 <400> SEQUENCE: 23
340 ctagaaaaag tagattacca ctggagtctt tttg 34
343 <210> SEQ ID NO: 24
344 <211> LENGTH: 21
345 <212> TYPE: DNA

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/526,475C

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Input Set : A:\5203USNP.APP
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37
Seq#:18; N Pos. 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41
Seq#:33; N Pos. 7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:33; N Pos. 28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47
Seq#:33; N Pos. 48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65
Seq#:34; N Pos. 7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:34; N Pos. 28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47
Seq#:34; N Pos. 48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65
Seq#:39; N Pos. 12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30
Seq#:40; N Pos. 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28
Seq#:41; N Pos. 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24

VERIFICATION SUMMARY

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Input Set : A:\5203USNP.APP

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L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
M:341 Repeated in SeqNo=33
L:531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
M:341 Repeated in SeqNo=34
L:602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:638 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0